

PATENT ASSIGNMENT

Electronic Version v1.1
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SUBMISSION TYPE:	NEW ASSIGNMENT										
NATURE OF CONVEYANCE:	ASSIGNMENT										
CONVEYING PARTY DATA											
<table border="1"> <thead> <tr> <th>Name</th> <th>Execution Date</th> </tr> </thead> <tbody> <tr> <td>Jeffrey Bruce Parham</td> <td>12/08/2009</td> </tr> <tr> <td>Bhalchandra Pandit</td> <td>12/08/2009</td> </tr> <tr> <td>Mark Robbin Brown</td> <td>12/08/2009</td> </tr> <tr> <td>Murli Satagopan</td> <td>12/09/2009</td> </tr> </tbody> </table>		Name	Execution Date	Jeffrey Bruce Parham	12/08/2009	Bhalchandra Pandit	12/08/2009	Mark Robbin Brown	12/08/2009	Murli Satagopan	12/09/2009
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Jeffrey Bruce Parham	12/08/2009										
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Mark Robbin Brown	12/08/2009										
Murli Satagopan	12/09/2009										
RECEIVING PARTY DATA											
Name:	Microsoft Corporation										
Street Address:	One Microsoft Way										
City:	Redmond										
State/Country:	WASHINGTON										
Postal Code:	98052										
PROPERTY NUMBERS Total: 1											
<table border="1"> <thead> <tr> <th>Property Type</th> <th>Number</th> </tr> </thead> <tbody> <tr> <td>Application Number:</td> <td>12635028</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	12635028						
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Application Number:	12635028										
CORRESPONDENCE DATA											
Fax Number:	(801)328-1707										
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>											
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ATTORNEY DOCKET NUMBER:	13768.1750										
NAME OF SUBMITTER:	Gregory R. Lunt										
Total Attachments: 5											

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**PATENT
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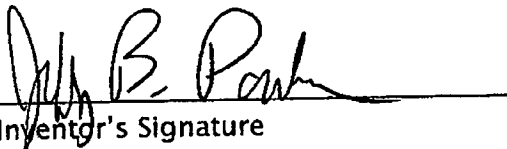
I/WE, Jeffrey Bruce Parham, Bhalchandra Pandit, Mark Robbin Brown and Murli Satagopan ("ASSIGNOR"), have invented subject matter ("INVENTION") disclosed and/or claimed in a patent application entitled "CLOUD SCALE DIRECTORY SERVICES" ("APPLICATION"), which:

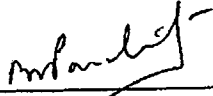
- will be filed without this executed PATENT ASSIGNMENT. ASSIGNOR hereby authorizes, and requests, ASSIGNEE'S legal representatives, of Workman Nydegger, 1000 Eagle Gate Tower, 60 East South Temple, Salt Lake City, UT 84111, who are associated with customer number 47973, to insert here in parenthesis (U.S. Serial No. 12/635,028, filed December 10, 2009) this APPLICATION's U.S. Serial Number and filing date, when known;
- was filed on _____ and was given Application No. _____;
- is filed concurrently herewith;


Microsoft Corporation, a Washington Corporation, on behalf of itself and its successors and assigns ("ASSIGNEE"), is entitled to, and is desirous of acquiring, the entire and exclusive rights, title and interest in the INVENTION and the APPLICATION (and all other applications and patents derived therefrom, such as continuing applications, in and for the United States, its territories, and all foreign countries ("APPLICATION DERIVATIVES"));


For good and valuable consideration, the receipt of which is hereby acknowledged by the ASSIGNOR, the ASSIGNOR hereby sells, assigns and transfers to the ASSIGNEE, the entire and exclusive rights, title and interest in the INVENTION and the APPLICATION (and APPLICATION DERIVATIVES);

ASSIGNOR agrees to execute all instruments and documents required for the making and prosecution of the APPLICATION (and APPLICATION DERIVATIVES), for litigation regarding letters patent derived therefrom, and for the purpose of protecting and perfecting title to the APPLICATION (and APPLICATION DERIVATIVES).

 Inventor's Signature	<u>2009-12-8</u> Date
<u>Jeffrey Bruce Parham</u> Printed Name in English	 Printed Name in Native Language (if other than English)

<u></u>	<u>12/8/09</u>
Inventor's Signature	Date
<u>Bhalchandra Pandit</u>	<u></u>
Printed Name in English	Printed Name in Native Language (if other than English)

 Inventor's Signature	<u>8 Dec 2009</u> Date
<u>Mark Robbin Brown</u> Printed Name in English	<u>Mark Robbin Brown</u> Printed Name in Native Language (if other than English)

 _____ Inventor's Signature	<u>12/9/2009</u> _____ Date
<u>Murli Satagopan</u> _____ Printed Name in English	_____ Printed Name in Native Language (if other than English)